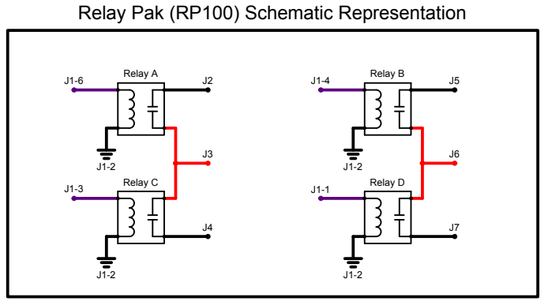
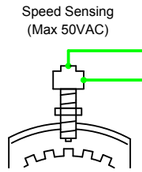
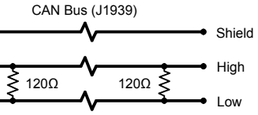
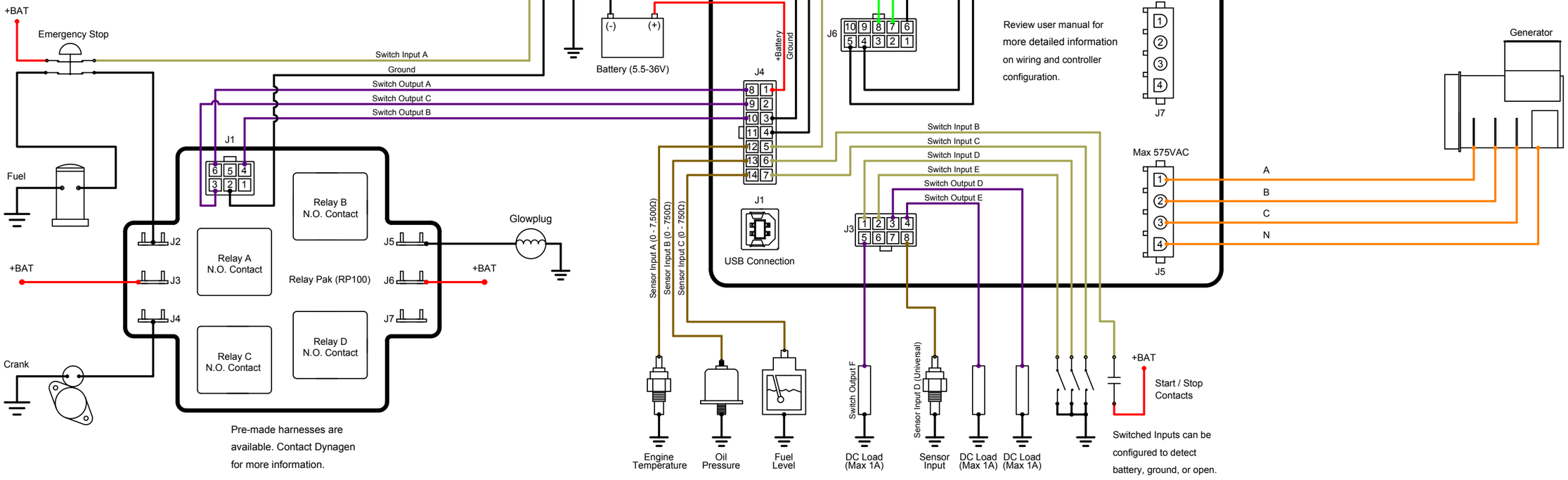


Speed Input is used with magnetic pickups, flywheel alternator, or tachometer. NOT required for generators or electronic engines.





J1939 cabling requires 120Ω impedance shielded twisted pair cable.
Example: Belden 7895A
Example: Belden 9841



Pre-made harnesses are available. Contact Dynagen for more information.

Switched Inputs can be configured to detect battery, ground, or open.

Relay Pak Connector	
J1-1	Relay D Coil
J1-2	-Battery
J1-3	Relay C Coil
J1-4	Relay B Coil
J1-5	Reserved
J1-6	Relay A Coil
J2	Relay A Contact
J3	A and C Common
J4	Relay C Contact
J5	Relay B Contact
J6	B and D Common
J7	Relay D Contact

Main Connector	
J4-1	+Battery
J4-2	+Battery
J4-3	Ground
J4-4	Ground
J4-5	Switch Input A
J4-6	Switch Input B
J4-7	Switch Input C
J4-8	Switch Output A
J4-9	Switch Output C
J4-10	Switch Output B
J4-11	Sensor Ground
J4-12	Sensor Input A
J4-13	Sensor Input B
J4-14	Sensor Input C

Expansion Connector	
J3-1	Switch Input D
J3-2	Switch Input E
J3-3	Switch Output D
J3-4	Switch Output E
J3-5	Switch Output F
J3-6	
J3-7	Sensor Ground
J3-8	Sensor Input D

Communication Connector	
J6-1	
J6-2	
J6-3	Reserved
J6-4	CAN High
J6-5	CAN Low
J6-6	CAN Ground
J6-7	Speed Input
J6-8	Speed Reference
J6-9	Reserved
J6-10	

Generator Connector (V)	
J5-1	Gen. Phase A
J5-2	Gen. Phase B
J5-3	Gen. Phase C
J5-4	Neutral

J7-1	
J7-2	
J7-3	
J7-4	

DRAWING NOTES

NOTE 1:

NOTE 2:

NOTE 3:

NOTE 4:

NOTE 5:

NOTE 6:

NOTE 7:

NOTE 8:

Your application and wiring may vary. Refer to full user manual for detailed information on using your controller www.dynagen.ca/support.

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Project Name	Wiring Diagrams
Drawing Name	TG350 Example w/ RP100
Drawing Number	DWG1524
Drawing Revision	1.4.0
Drawing Scale	Not To Scale
Drawing Size	ANSI-B / Ledger
Created On	12/19/2012
Modified On	01/13/2014
Created By	Everett Pattison
Modified By	Everett Pattison